

For Research Use Only

APC Anti-Mouse CD86 (GL1)

Catalog Number: APC-65068

5 Publications



Basic Information

Catalog Number: APC-65068	GenBank Accession Number: BC013807	Purification Method: Affinity purification
Size: 100ug, 0.2 mg/ml	GeneID (NCBI): 12524	CloneNo.: GL1
Source: Rat	Full Name: CD86 antigen	Excitation/Emission maxima wavelengths: 650 nm / 660 nm
Isotype: IgG2a, kappa		

Applications

Tested Applications:
FC

Cited Applications:
FC, IF

Species Specificity:
Mouse

Cited Species:
mouse

Background Information

CD86 (also known as B7-2) is a costimulatory molecule belonging to the immunoglobulin superfamily. Primarily expressed on antigen-presenting cells (APCs), including B cells, dendritic cells, and macrophages, CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and CTLA-4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with CTLA-4 negatively regulates T-cell activation and diminishes the immune response. (PMID: 7513726; 1847722; 11029388; 27591335)

Notable Publications

Author	Pubmed ID	Journal	Application
Hongbing Lin	36114617	Stem Cells Dev	FC
Hanxiao Chang	38169382	Cell Commun Signal	FC
Shichao Zhang	38091266	ACS Appl Mater Interfaces	FC

Storage

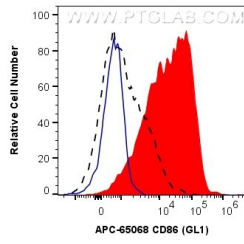
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA.

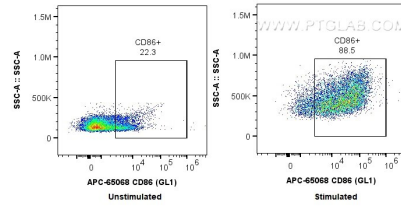
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



1X10⁶ untreated (dashed lines) or LPS-treated (red) mouse splenocytes were surface stained with 0.2 ug APC Anti-Mouse CD86 (APC-65068, Clone:GL1) (red), or 0.2 ug Isotype Control (blue). Cells were not fixed.



1X10⁶ untreated or LPS-treated mouse splenocytes were surface stained with 0.2 ug APC Anti-Mouse CD86 (APC-65068, Clone:GL1). Cells were not fixed.